

# Senior Leadership Briefing and Recovery Snapshots

## Hurricanes Maria, Irma, and Harvey

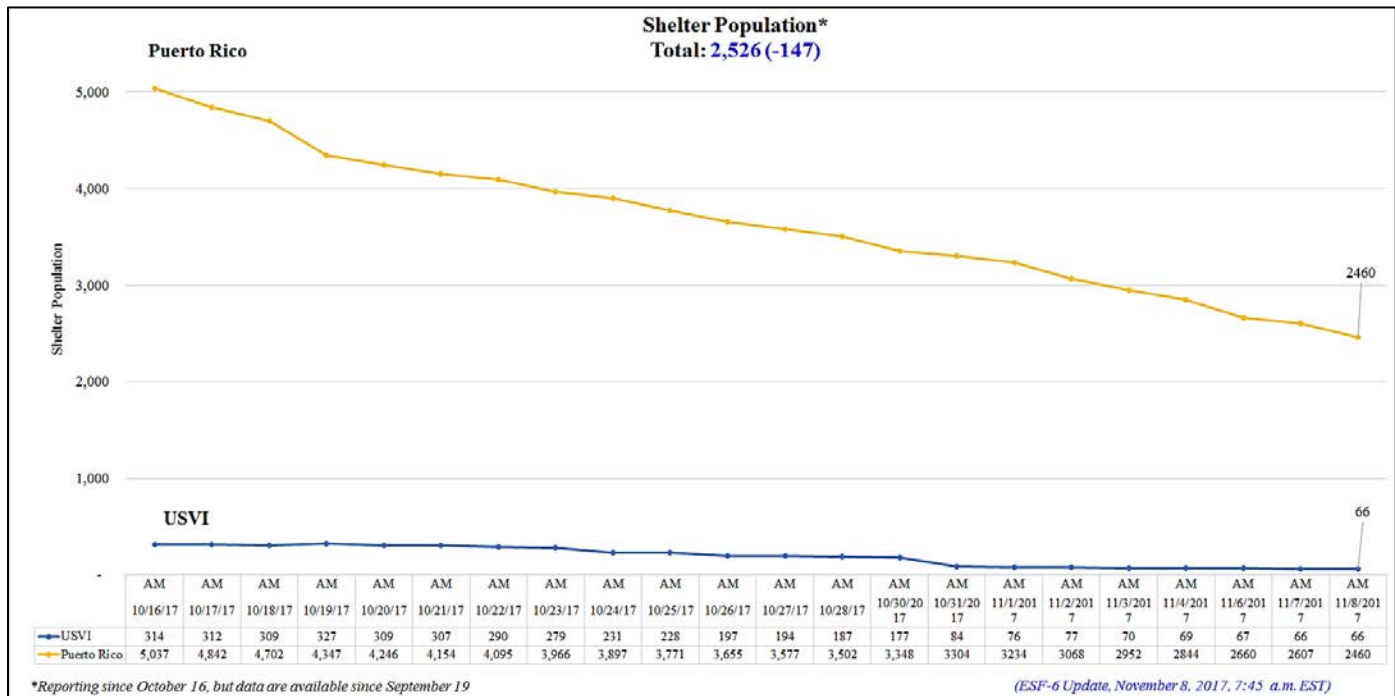
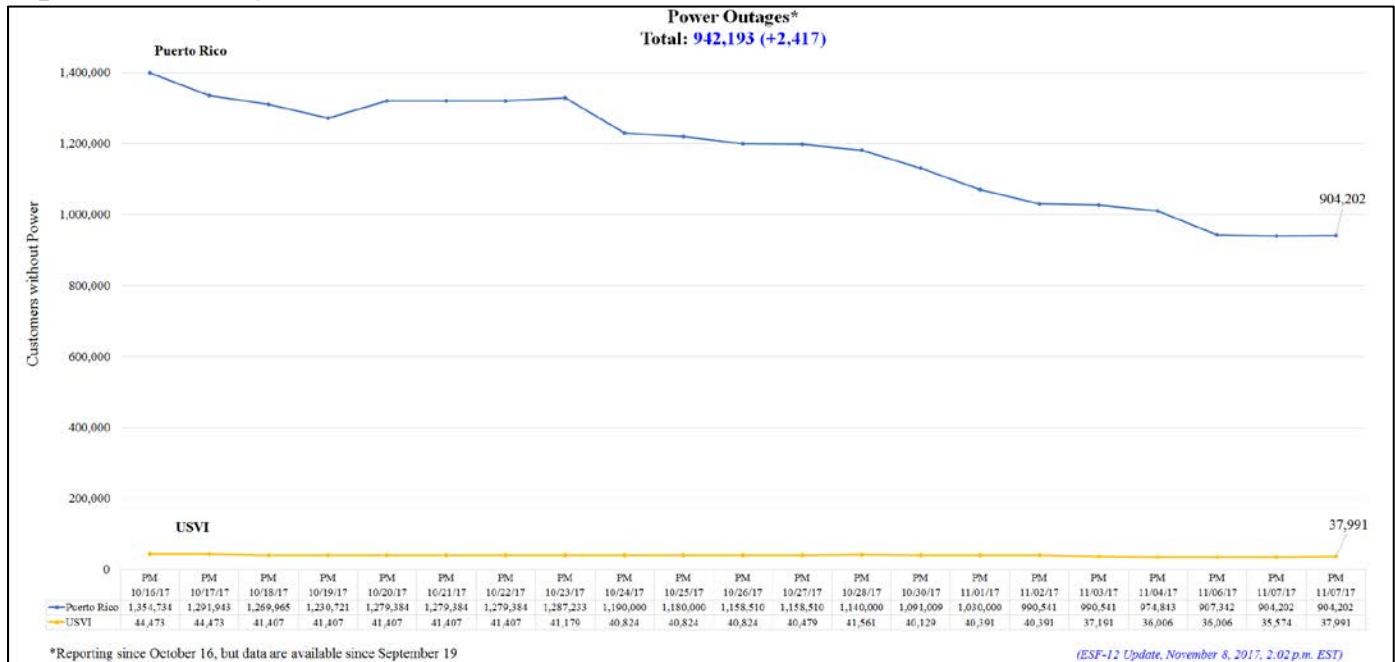
### Wednesday, November 8, 2017 (5:00 p.m. EST)

#### Updates in Blue

### Current Situation:

No tropical systems are expected to threaten the region over the next week. Partly to mostly cloudy skies will prevail through Saturday night with highs in middle to upper 80s and lows in the low to middle 70s. There is a 70% chance of numerous showers and isolated thunderstorms across most of the island complex (1-3 inches), with the best chance of heavier rain (3-6 inches) over eastern half of Puerto Rico. Light to moderate rain is expected near Guajataca Dam, where a flash flood warning is still in effect through Thursday morning. Flooding will likely cause urban and small stream flooding across most of the island complex; mudslides and road failures are likely as well over eastern Puerto Rico, especially in higher terrain. (NOAA Update, November 8, 2017, 11:00 a.m. EST)

### Impact Summary:



	Puerto Rico	USVI	Citation
<b>Confirmed Fatalities</b>	55 (based on PR medical examiner update)	None associated with Hurricane Maria	<i>(PR JFO SitRep, November 8, 2017, 7:00 a.m. EST)</i>
<b>Shelters/ Population</b>	Shelters <b>64 (-1)</b> ; Population <b>2,460 (-147)</b>	Shelters 3; Population 66	<i>(ESF-6 Update, November 8, 2017, 7:45 a.m. EST)</i>
<b>Customer Power Outages</b>	At least <b>42.2%</b> of normal peak load has been restored; Normal peak load is approximately 2,685 MW	Percentage of customers receiving power from the grid: USVI <b>23.4%</b> ; St. Thomas 34.3%; St. Croix <b>9.4%</b> ; St. John: 30.3% VIWAPA estimates 90% of USVI to be restored by late December	<i>(ESF-3 ad ESF-12 Updates, November 8, 2017, 12:59 p.m. EST)</i>
<b>Hospitals</b>	67 of 68 hospitals open Of the 67 open, 54 hospitals open on power grid; <b>14</b> open on generator power; one hospital (on generator power) is closed; VA facilities: One hospital and all eight clinics open	St. Croix: Governor Juan Luis Hospital partially open despite damage, Charles Harwood closed St. Thomas: Schneider Medical Center sustained damage; mobile medical facility established VA facilities: Two clinics, both open	<i>(ESF-8 Update, November 8, 2017, 11:14 a.m. EST)</i>
<b>Schools/ Government Buildings</b>	USACE completed assessments of <b>932</b> schools out of 1,131 total schools in PR; 182 schools and universities open; Assessments ongoing to determine additional school openings  48 of 68 Federal Government buildings open (GSA owned/leased)	St. Thomas and St. John: <b>12</b> opened out of 16; <b>Lockhart Elementary School on St. Thomas will open November 13</b> ; three schools condemned  St. Croix: Nine out of 17 total schools open; eight schools condemned  10 of 19 Federal buildings open (GSA owned/leased)	<i>(ESF-3, GSA, Status PR Update, USVI JFO Updates, November 8, 2017, 8:30 a.m. EST)</i>
<b>Airports/ Ports</b>	All 10 airports open; San Juan airport is operating 24/7  100% of the tracked deep-water ports are Open (11) or Open with Restrictions [Daylight only] (4)	St. Thomas and St. Croix open and have resumed normal operations; 100% of the tracked deep-water ports are Open (6) or Open with Restrictions [Daylight only] (3)	<i>(ESF-1, USCG Update, November 8, 2017, 2:00 p.m. EST)</i>
<b>Roads/ Bridges</b>	PRHTA reports 91% of highways confirmed or inspected; 23 bridges and 24 roads are closed Detours have been established for closed PRHTA roads	Power to some traffic signals restored on St. Thomas and St. Croix St. Thomas: 95% of roadways are passable; no full closures on any major roadways St. Croix: Most highways open with caution	<i>(ESF-1 Update, November 8, 2017, 2:00 p.m. EST)</i>
<b>Fuel/ Gas</b>	927 of approximately 1,100 retail gas stations operational	St. Croix and St. Thomas report adequate fuel supply for power generation and response efforts, including gasoline, diesel, and propane	<i>(ESF-12, November 7, 2017, 2:02 p.m. EST)</i>
<b>Water</b>	Boil Water Advisory remains territory-wide; PRASA water systems: 83% of PRASA clients have potable water service ( PRASA covers about 97% of PR population) Non-PRASA systems: <b>128</b> of 237 identified systems <b>are functioning</b>	<b>Boil water advisory has been lifted for St. Thomas and St. John; it remains in effect for St. Croix</b>	<i>(USVI Daily Fact Sheet; PR Exec Sum, November 8, 2017, 9:00 a.m. EST)</i>
<b>Communi-cations</b>	52.8% of cell sites operational; <b>94.6%</b> of population lives in area where wireless coverage is available for voice and text messages  Main Public Safety Answer Point (PSAP) in PR fully operational; secondary is operational but on generator power  (Note: numbers are a snapshot in time and fluctuate due to issues such as power outages)	USVI: 62.8% cell towers operational; PSAPs restored; <b>93%</b> of population in areas with wireless coverage available for voice and text messages  Percent of operational cell sites by island: St. Thomas: 75.8% (66 towers on island) St. John: 11.1% (9 towers on island) St. Croix: 54.3% (46 towers on island) (Note: numbers are a snapshot in time and fluctuate due to issues such as power outages)	<i>(ESF-2 Update, November 8, 2017, 3:18 p.m. EST)</i>

## Declaration Activity:

Territory	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
PR	9/20: DR-4339	All (78) municipalities	All (Categories A-G)	100% (Cat A-B) until March 19, 2018; 90% thereafter; 90% (Cat C-G)
USVI	9/20: DR-4340	St. Croix, St. John, St. Thomas	All (Categories A-G)	100% for debris removal and emergency protective measures for 180 days from incident period; 90% thereafter (Cat A-B), 75% (Cat C-G)

(Daily Ops Briefing, November 8, 2017, 8:30 a.m. EST)

## FEMA Headquarters:

- National Response Coordination Center (NRCC) at modified Level III (Partial Activation) and **will deactivate effective 6:00 p.m. EST November 9** (FEMA OPOD 17-2017 Amendment 12, November 7, 2017, 5:23 p.m. EST)
- Mutual Aid:

Region	Jurisdiction	# of Request(s)	# of States Supporting
II	PR	158 (+1)	35
II	USVI	56 (+1)	22

(EMAC Sit Rep #126, November 8, 2017, 2:00 p.m. EST)

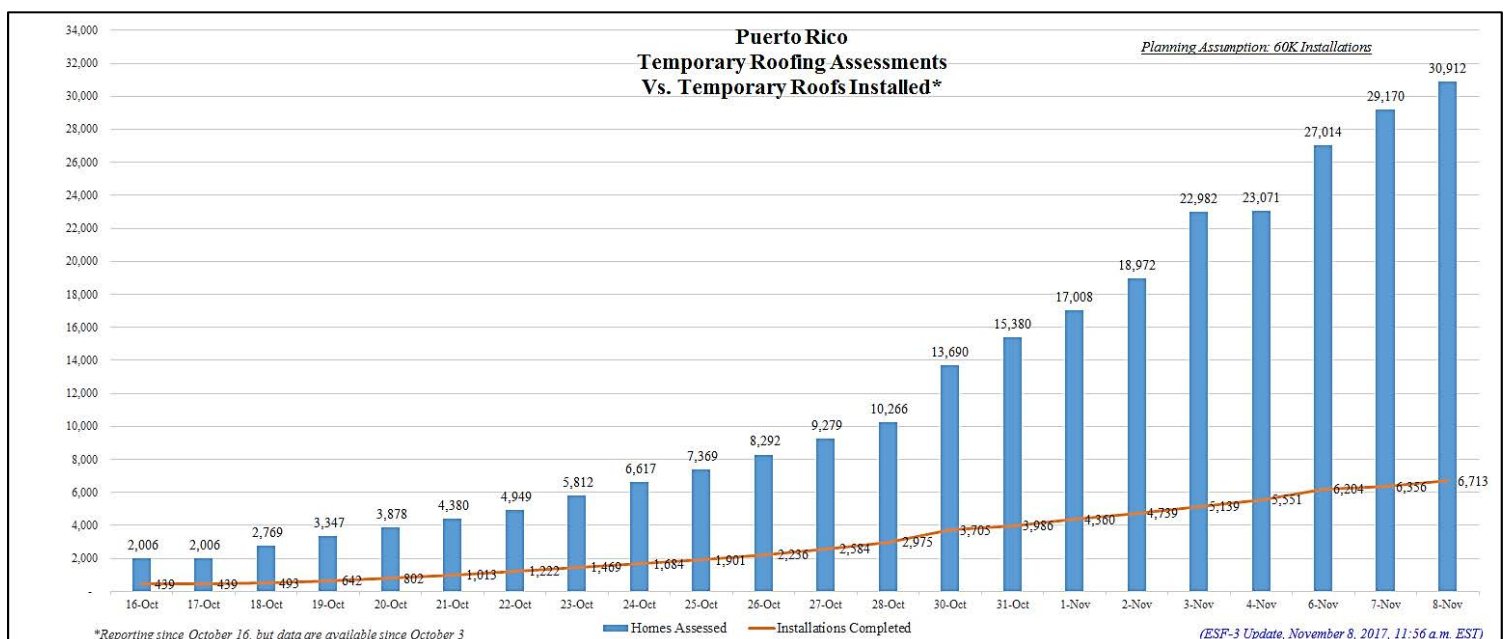
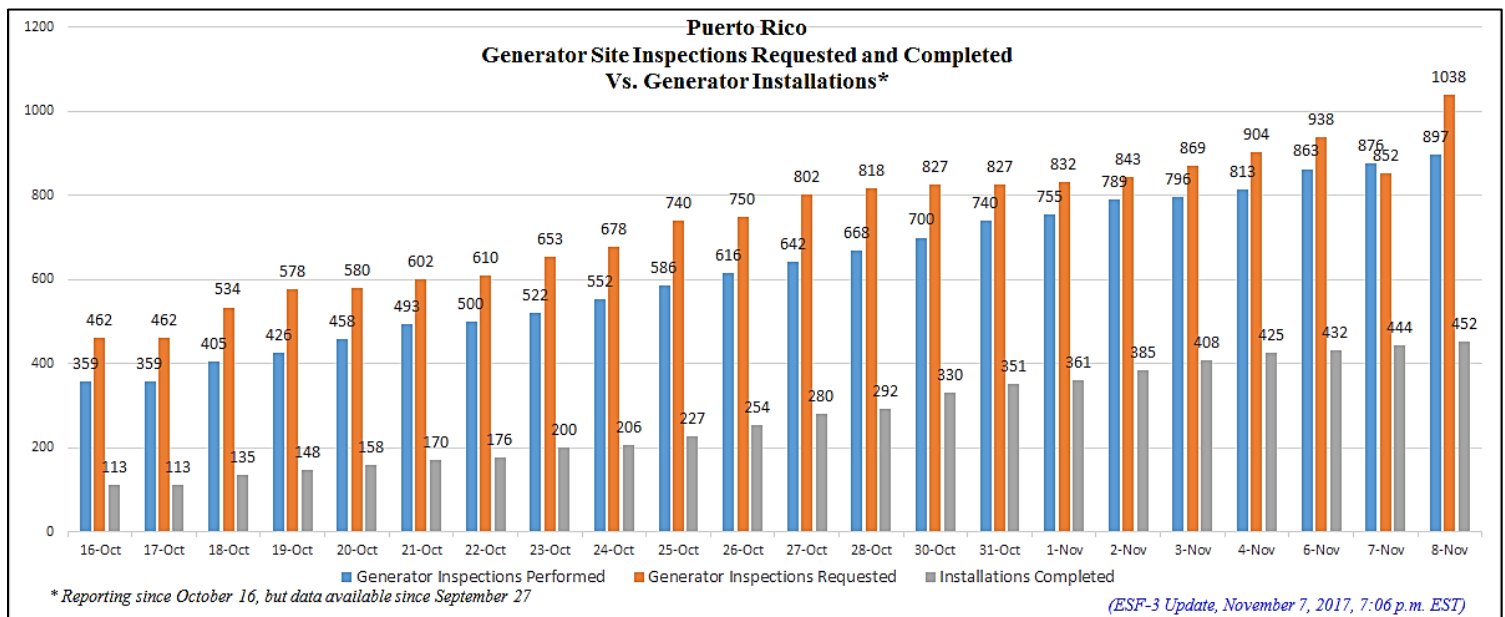
## FEMA Region II:

- Puerto Rico:**
  - Emergency Operations Center (EOC) at Full Activation; operating on generator power
  - JFO operational from San Juan Convention Center; search initiated for new long-term facility
  - Federal Coordinating Officer (FCO) is Michael Byrne (RII DSAR, November 8, 2017, 3:00 p.m. EST)
- U.S. Virgin Islands:**
  - Virgin Islands Territorial Emergency Management Agency (VITEMA) EOC at Full Activation
  - St. Croix JFO operational in Christiansted; JFO branch offices operational in St. Thomas and St. John
  - FCO is William Vogel (RII DSAR, November 7, 2017, 3:00 p.m. EST)

## Interagency Coordination for Puerto Rico:

- ESF-1: Transportation**
  - Ports: Salvage operations for 608-ton vessel Caribbean Soul commenced November 5; anticipated duration of salvage operations five to seven days (USCG Update, November 8, 2017, 9:12 a.m. EST)
  - Bridges: PRHTA reports 1,754 bridges over waterways; 1,082 (61.7%) of these bridges over waterways were inspected: 248 (23%) have damage (includes 23 collapsed bridges and 20 with failures with approach roadways) (ESF-1 Update, November 8 2017, 2:00 p.m. EST)
  - Roads: Of the 11,404 miles of total roads (not necessarily damaged), 2,932 miles are completely cleared and 533 miles are partially cleared of debris; these roads lead to critical infrastructure and essential services (ESF-1 Update, November 8 2017, 2:00 p.m. EST)
- ESF-2: Communications**
  - A telecommunications carrier Mobile Switching Office in Bayamon had commercial power restored; this will help stabilize cell service in the area
  - FEMA Mobile Emergency Response Support (MERS) team and U.S. Air Force 85th Engineering Installation Squadron began installation of island-wide radio vote scan system (a system in which radios scan for the strongest frequency and broadcast on that frequency) to support emergency communications capability (ESF-2 Update, November 8, 2017, 7:29 a.m. EST)
- ESF-3: Public Works and Engineering**
  - Guajataca Dam is 12.6 feet below spillway as of November 7; target elevation for interim repairs is 17 feet below the crest; **flash flood warning expected to be lifted at 14 feet below crest**; efforts on track to reduce water level from High to Moderate risk status by **November 12** (ESF-3 Update, November 8, 2017, 11:24 a.m. EST)
  - Water Restoration: 83% of PRASA customers have potable water services restored (PRASA serves 97% of PR population); 97 of 114 PRASA drinking water plants and 47 of 51 wastewater treatment plants are operational (ESF-10 Update, November 6, 2017, 12:37 p.m. EST)

- Infrastructure Assessments and Critical Public Facilities (CPF):
  - 1,357 priority critical public infrastructure sites identified, 1,056 have been assessed for power and facility repair needs, including 932 of 1,131 schools, 143 of 205 police stations, all nine ports, all four airports, and seven of 8 other critical facilities (*ESF-3 Update, November 8, 2017, 11:24 a.m. EST*)
- USACE Debris Removal: 152,800 cubic yards (CY) of debris removed of the tasked 6.2M CY; USACE tasked to clear debris in 45 out of 78 municipalities; 15 municipalities have declined federal debris management support
- Temporary Roofing: Summary of blue roof installations in chart below. Target rate for installation remains 500 roofs/day island-wide, daily install total was 357 on November 7 (*PR Exec Sum, November 7, 2017, 7:34 p.m. EST*)
- Temporary Power:
  - Current generator installation flow rate is 140 generators installed per week (*PR Exec Sum, November 5, 2017, 7:29 p.m. EST*)
  - USACE Non-Federal Generator Maintenance Mission: 109 of 149 facilities tasked (73%) have been assessed, 37 additional assessments in progress; four generators tagged for future repair, seven repairs completed
  - USACE awarded a contract on November 6 for the installation of a 25MW generator at the Yabucoa Power Plant (*ESF-3 Update, November 8, 4:14 p.m. EST*)



- **ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services**

- ESF-6 continuing to support planning for Transitional Sheltering Assistance program for PR (*ESF-6 Update, November 8, 2017, 9:12 a.m. EST*)

- **ESF-7: Logistics Management and Resource Support**

- Commodities\*:

	Commodities Delivered to Territory on November 7	Commodities Planned to be Delivered on November 8	Cumulative Commodities Distributed to Date*
Fuel (gallons)	145,216	120,000	6.16M (+0.15M)
Potable Water (gallons)	151,550	143,750	6.2M (+0.15M)
Bottled Water (liters)	1,049,400	1,074,600	36.5M (+1M)
Meals	999,216	815,040	27.7M (+1M)
Tarps	2,162	0	68,090 (+2,162)

\*Dataset starts on September 24, 2017

(*ESF-7 Update, November 8, 2017, 7:19 a.m. EST*)

- **ESF-8: Public Health and Medical Services**

- USNS Comfort returned to port of San Juan November 7 to provide medical treatment in support of recovery operations
  - Comfort has treated 172 new patients in last 24 hours; 20 patient beds currently occupied (*DOD Update, November 8, 2017, 1:48 p.m. EST*)
  - USNS Robert E. Peary will depart Norfolk, VA November 9, expected to arrive in PR November 13 to resupply USNS Comfort (*DOD Update, November 8, 2017, 11:22 a.m. EST*)

- **ESF-10: Oil and Hazardous Material Response**

- USCG vessel salvage assessments being conducted in Ponce (*USCG Update, November 8, 2017, 9:12 a.m. EST*)

- **ESF-12: Energy**

- 39 of 78 municipalities are partially energized or have energized facilities
- USACE in process of transporting 256 generators and power restoration equipment off-loaded from USNS Brittin from port of Ponce to Incident Support Base Pier 14 (*ESF-3 Update, November 8 2017, 12:59 p.m. EST*)
- PowerSecure will conduct power restoration operations for western PR; 179 personnel expected to arrive by end of day November 8 to support repair operations November (*ESF-12, November 7, 2017, 2:02 p.m. EST*)

- **National Guard Bureau (NGB)**

- 3,792 National Guard (NG) personnel (2,706 PR NG and 1,086 NG deployed under EMAC) operating in PR, focused on commodity distribution, debris clearance, and medical missions; majority of NG forces deployed under EMAC projected to leave PR by December 15 (*NGB Update, November 8, 2017, 1:40 p.m. EST*)

- **U.S. Coast Guard (USCG):** Nothing significant to report

- **U.S. Department of Defense (DoD)**

- DoD supporting: power restoration, water, healthcare, commodity distribution, and roofing with approximately 9,210 personnel (Title 10 and National Guard)
  - USNS Brittin scheduled to depart Ponce November 8 and returning cargo to CONUS
  - USNS Big Horn arrived in San Juan November 7 with supplies for USNS Comfort and 3rd Expeditionary Support Command
- Defense Logistics Agency (DLA):
  - DLA executing a requirement to lease additional 300 generators for PR, bringing total number of generator supplied by DLA to over 1,000; generators expected to ship to PR mid-November
  - DLA Acquisition executing reduced Mass Care Essential Items List for direct delivery to the Mass Care warehouse in PR (*DOD Update, November 8, 2017, 1:48 p.m. EST*)

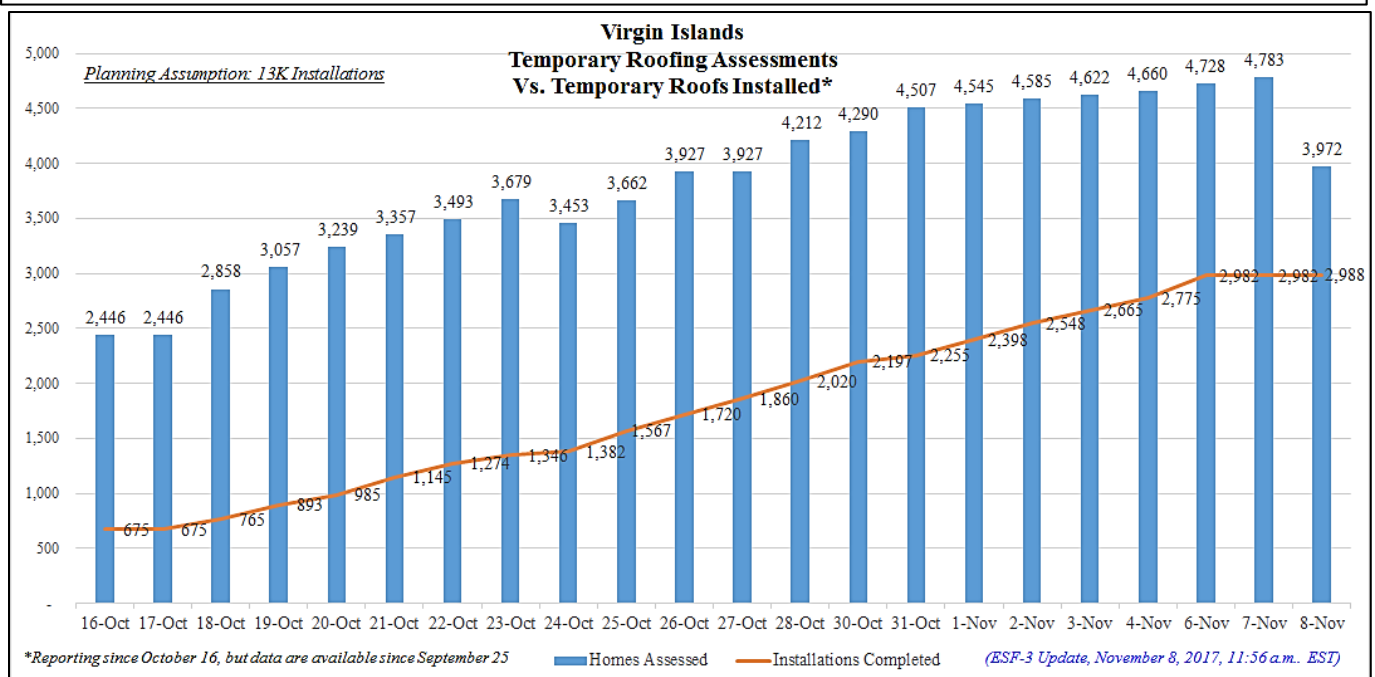
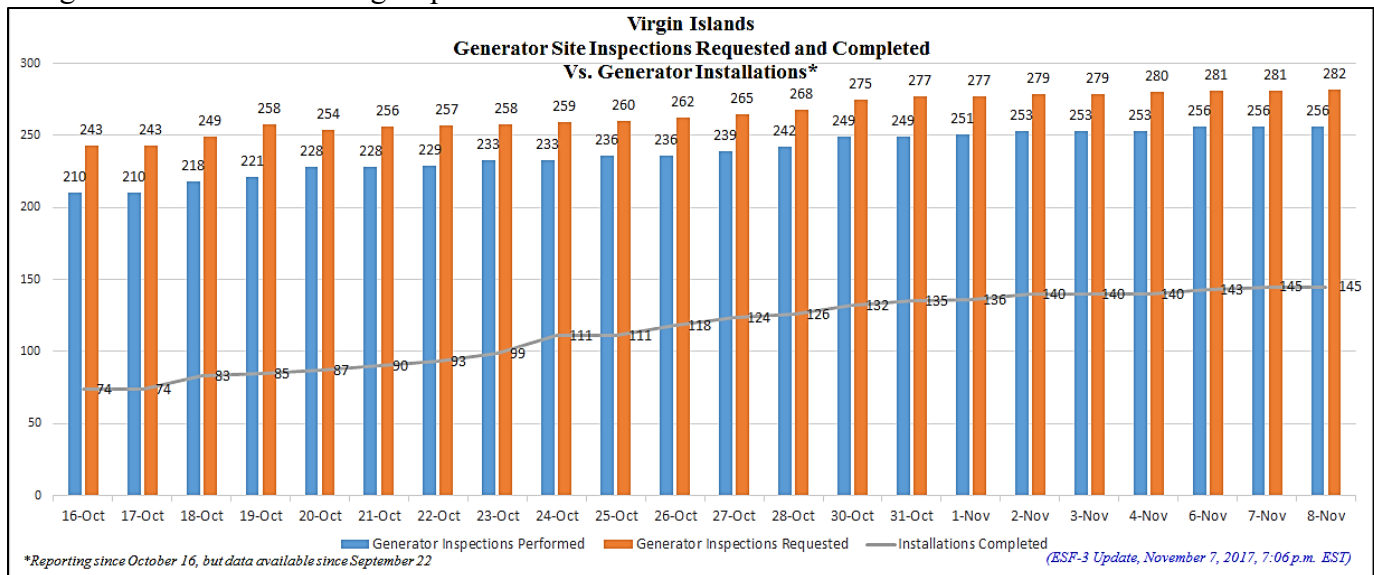
- **FEMA International Affairs**

- FEMA awarded a contract to a courier to facilitate the pick-up of meals-ready-to-eat donated by the Government of New Zealand; tentative delivery to PR the week of November 13 (*FIAA Update, November 7, 2017, 12:40 p.m. EST*)



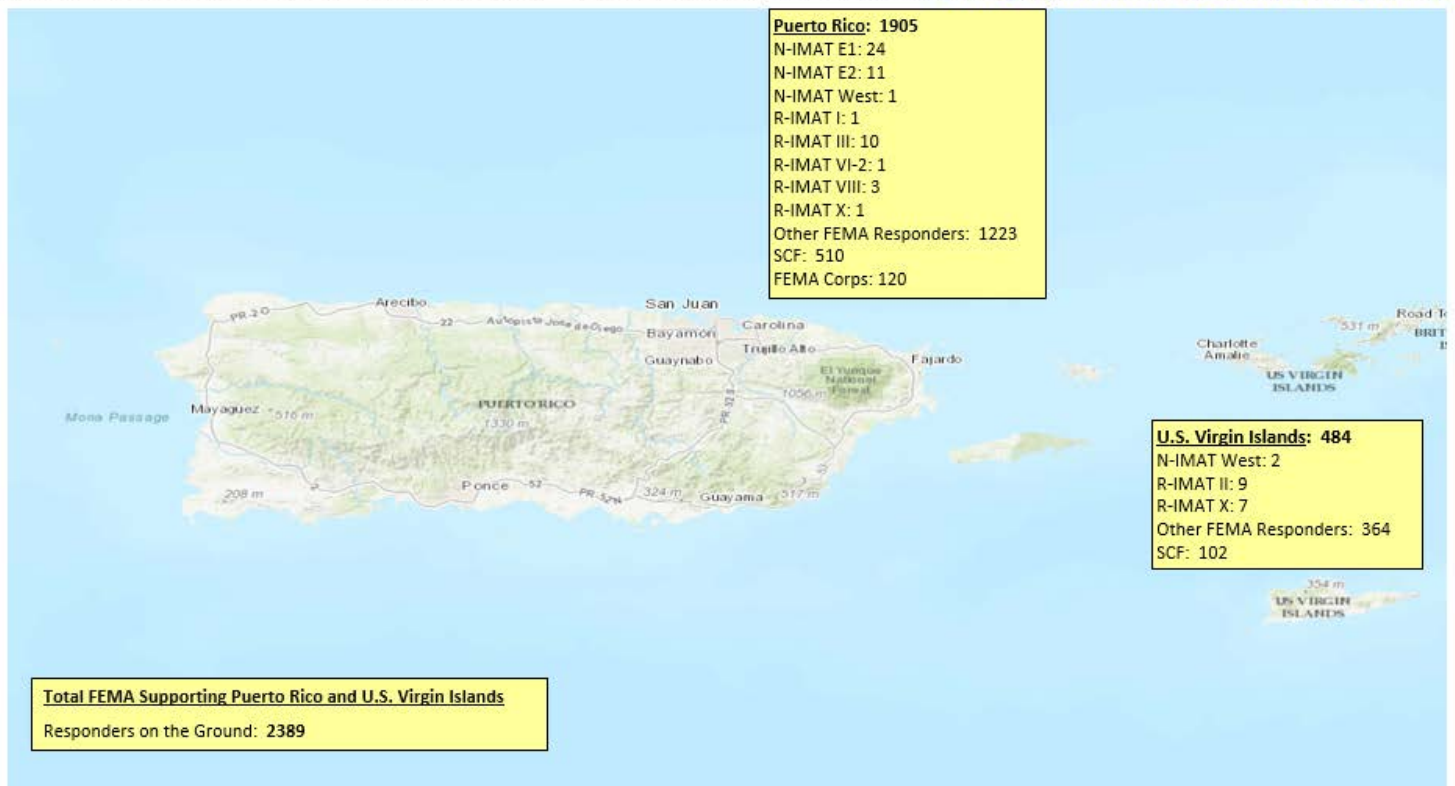
## Interagency Coordination for U.S. Virgin Islands:

- **ESF-1: Transportation:** Nothing significant to report
- **ESF-2: Communications**
  - MERS assets in USVI are being prepared for departure via barge to FL for reconstitution; a small number will be redeployed, also via barge, to PR for engagement (*USVI JFO Sitrep, November 7, 2017, 10:47 a.m. EST*)
  - St. John: First temporary communications tower being erected on island; second cellular tower install planned for later in the week; tower restoration ongoing at Susannaberg (*ESF-2 Update, November 8, 2017, 7:29 a.m. EST*)
- **ESF-3: Public Works and Engineering**
  - Infrastructure Assessments and Critical Public Facilities: 194 of 199 site assessments completed, including all nine wastewater treatment facilities, all 32 pump stations, all five hospitals, 28 of 32 schools, all 13 police stations and all 11 fire stations (*ESF-3 Update, November 8, 2017, 11:24 a.m. EST*)
  - USACE Debris Removal: 173,600 cubic yards (CY) removed of estimated 1.1M CY: St. Croix 750,000 CY; St. Thomas 350,000 CY; and St. John 33,000 CY; air curtain incineration of vegetative debris expected to begin November 17 (*ESF-3 Update, November 8, 2017, 11:48 a.m. EST*)
  - Temporary Roofing: Summary of blue roof installations in chart below; target rate for installation remains 350 roofs/day territory-wide; application period for temporary roofing extended to November 23 (*ESF-3 Update, November 8, 2017, 11:56 a.m. EST*)
  - Temporary Power: USACE continuing to work with VI Water and Power Authority on a plan to de-install generators at schools as grid power becomes available (*ESF-3 Update, November 8, 2017, 11:37 a.m. EST*)

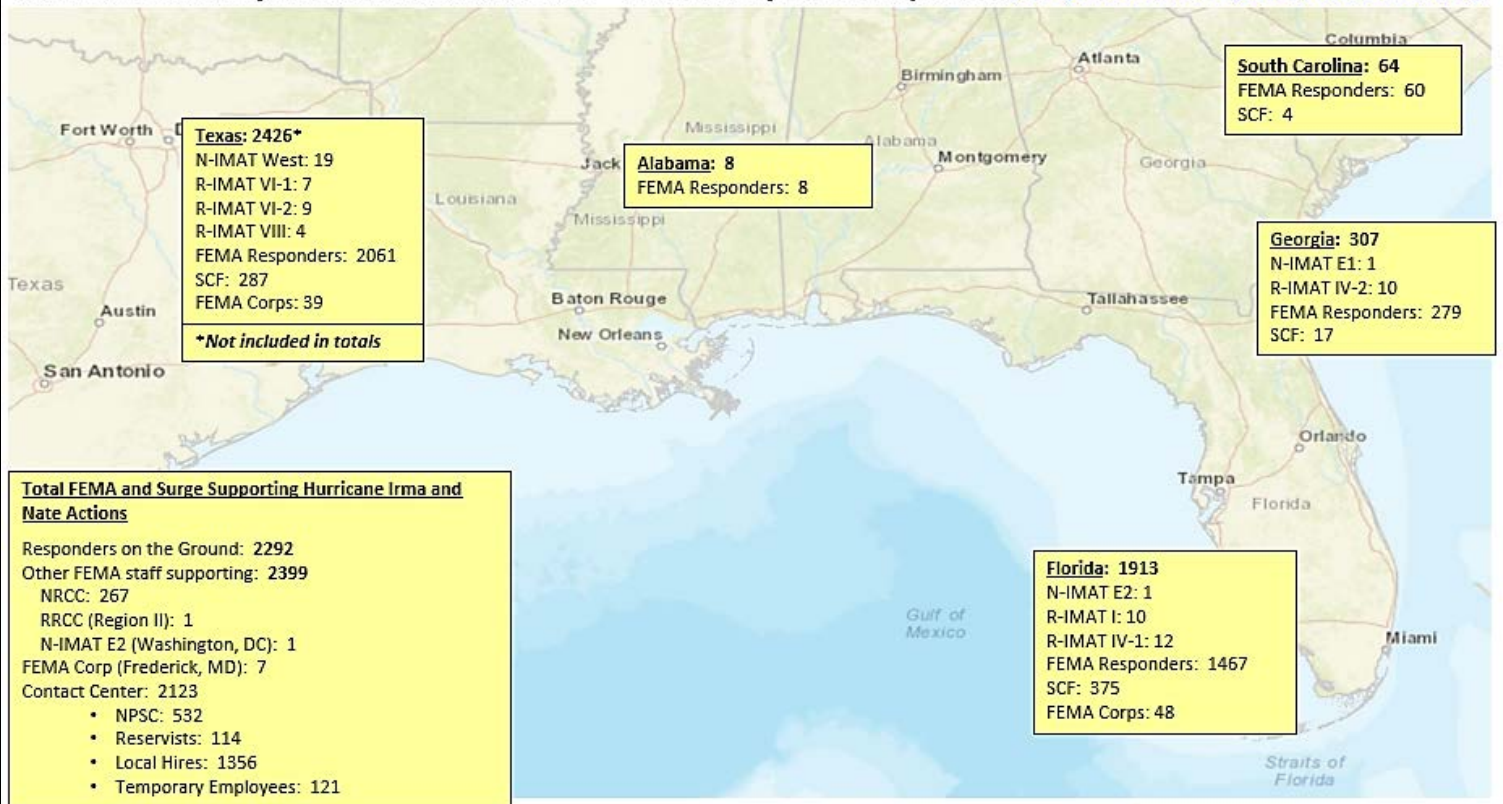


- **ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services:** Nothing significant to report
- **ESF-8: Public Health and Medical Services**
  - 602nd Area Support Medical Company in St. Thomas **completed mission** and began demobilizing; **saw 1,182 total patients** (*USVI Storyboard*, November 8, 2017, 11:00 a.m. EST)
  - **HHS authorized Emergency Prescription Program Assistance Program (EPAP) for uninsured survivors to enable access to covered drugs and medical supplies** (*USVI Daily Fact Sheet*, November 8, 2017, 10:22 a.m. EST)
- **ESF-10: Oil and Hazardous Material Response**
  - Vegetative debris burn operations on St. Croix rescheduled for November 17; **EPA deployed three air monitors to areas adjacent to debris staging areas**
  - St. Croix: **EPA collected 50 gallons of waste oil from the Department of Public Works; planning for removal of waste chemicals at a university laboratory and removal of 400 gallons of waste oil from the marina; has collected approximately 1,000 containers of old paint, pesticides, and waste solvents to date** (*ESF-10 Update*, November 8, 2017, 11:57 a.m. EST)
  - USCG salvage operations are continuing across the territory
    - St. Croix:
      - **Salvage operations on Long Reef commenced November 7; vessel has been 50 percent salvaged via manual removal of debris. Survey operations conducted to locate the remainder of the vessel and additional debris**
      - **Salvage operations of M/V Lucky Penny in Salt River Bay completed. Successfully refloated the vessel and removed oil and hazardous materials** (*USCG Update*, November 8, 2017, 9:12 a.m. EST)
- **ESF-12: Energy**
  - **Eight of 29 Altec trucks to support power restoration are en route to St. Croix, 15 are secured and pending movement from CONUS, remaining six are in the process of being secured** (*ESF-12*, November 7, 2017, 2:02 p.m. EST)
  - **A portion of primary circuit in St. John running from Peter Bay to Cinnamon Bay is reenergized; 35 additional linemen arrived to St. John November 7**
  - **Crews continued work on primary circuits in St. Thomas** (*USVI Storyboard*, November 8, 2017, 10:47 a.m. EST)
- **National Guard Bureau (NGB)**
  - **581 National Guard (NG) personnel (119 USVI NG and 462 NG deployed under EMAC) in USVI to support commodity distribution, debris clearance, and medical missions; majority of NG forces deployed under EMAC projected to leave PR by November 15** (*NGB Update*, November 8, 2017, 1:40 p.m. EST)
- **U.S. Coast Guard (USCG):** Nothing significant to report
- **U.S. Department of Defense (DoD):** Nothing significant to report

## Hurricanes Harvey, Irma, Maria, and Nate – FEMA Responder Laydown (As of November 7, 2017, 2:00 p.m. EST)



## Hurricanes Harvey, Irma, Maria, and Nate – FEMA Responder Laydown (As of November 08, 2017 02:00PM EDT)





**Recovery Snapshot**  
**Hurricane Maria**  
**Wednesday, November 8, 2017 (5:00 p.m. EST)**  
**Updates in Blue**

**FEMA Headquarters:**

- **Recovery**
  - Strategic Workforce Augmentation Team (SWAT) taking calls at three National Processing Service Centers, FEMA pop-up call centers, Headquarters, all FEMA Regions, and from home; **7,078** call center agents available to receive calls (*Recovery Contact Center Surge Staffing Timeline, November 8, 2017, 1:37 p.m. EST*)

**Declaration Activity:**

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
Region II				
Puerto Rico	9/20: DR-4339	All municipalities	All municipalities	100% for 180 days; 90% thereafter (Cat A-B); 90% (Cat C-G)
U.S. Virgin Islands	9/20: DR-4340	All islands in Territory	All islands in Territory	100% for 180 days; 90% thereafter (Cat A-B) 75% (Cat C-G)

(Declarations Unit, November 7, 2017)

**Recovery Priorities, Issues, and Challenges:**

State	Recovery Priorities	Issues/Challenges
<b>Puerto Rico</b> DR-4339	<ol style="list-style-type: none"> <li>1. Power</li> <li>2. Debris/Route Clearance &amp; Debris Removal</li> <li>3. Public Health/Medical</li> <li>4. Water Restoration</li> <li>5. Transportation</li> <li>6. Mass Care</li> <li>7. Temporary Roofing</li> <li>8. Communications Island-wide</li> </ol>	<ul style="list-style-type: none"> <li>• Not yet reported</li> </ul>
<b>U.S. Virgin Islands</b> DR-4340	<ol style="list-style-type: none"> <li>1. Medical services and supporting restoration activities</li> <li>2. Housing, sheltering, feeding, and other wrap around services</li> <li>3. Conduct evaluations, prioritize requirements and initiate restoration of infrastructure to include communications, power, transportation, &amp; utility</li> <li>4. Debris removal</li> <li>5. Information to survivors and responders</li> <li>6. Provide security and safety services</li> </ol>	<ul style="list-style-type: none"> <li>• Not yet reported</li> </ul>

*(COP-4336-DR-DR-4339-DR-PR, November 8, 2017, 8:00 am EST and FEMA-4335-DR/VI-4340-DR/VI LAP, November 6, 2017, 6:13 p.m. EST)*

**Interagency Coordination/Recovery**

• **Public Assistance**

Public Assistance <i>(Recovery Update, 11/08/2017, 10:18 a.m. EST)</i>	
State	Total Public Assistance Approved
<b>Puerto Rico</b>	<b>\$426.7M</b>
<b>U.S. Virgin Islands</b>	<b>\$10.9M</b>

• **Recovery Support Function (RSF): Housing Recovery**

Individual Assistance <i>(as of 11/08/2017, 11:02 a.m. EST)</i>				
State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance Approved	Other Needs Assistance Approved
<b>Puerto Rico</b>	<b>1,050,869</b>	<b>\$125,467,046</b>	<b>\$21,012,790</b>	<b>\$104,454,256</b>
<b>U.S. Virgin Islands</b>	<b>19,380</b>	<b>\$3,052,354</b>	<b>\$1,215,097</b>	<b>\$1,837,257</b>

<b>Housing Inspections</b> (as of 11/08/2017, 11:02 a.m. EST)				
State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
<b>Puerto Rico</b>	1,600	660,206	48,455	7.3%
<b>U.S. Virgin Islands</b>	63	14,643	4,436	30.3%

- Temporary Housing

<b>Transitional Sheltering Assistance</b> (as of 11/08/2017, 8:03 a.m. EST)	
State/Commonwealth	Households Checked In to Hotel
<b>Puerto Rico (DR-4339)</b>	298

- Small Business Administration (SBA) Home Loans

<b>SBA Home Loans</b> (as of 11/06/2017) (updated every Monday)					
Hurricane	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
<b>Maria</b>	7,168	29%	273	\$16,417,200	\$60,136

- U.S. Department of Housing and Urban Development (HUD)

<b>U.S. Department of Housing and Urban Development (HUD)</b> (as of 11/02/2017)				
Puerto Rico	Number of Properties in Impacted Area	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	203		139	Unknown
Public and Indian Housing	294		Unknown	Unknown
Healthcare and Hospitals	3	0	0	0
<b>Total</b>	<b>500</b>	<b>0</b>	<b>139</b>	<b>Unknown</b>

<b>U.S. Department of Housing and Urban Development (HUD)</b> (as of 11/02/2017)				
U.S. Virgin Islands	Number of Properties in Impacted Area	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	17		138	Unknown
Public and Indian Housing	13		Unknown	Unknown
Healthcare and Hospitals	0	0		
<b>Total</b>	<b>30</b>	<b>0</b>	<b>Unknown</b>	<b>Unknown</b>

● **RSF: Economic Recovery**

- SBA Business Loans

<b>SBA Business Loans</b> (as of 11/06/2017) (updated every Monday)					
Hurricane	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
<b>Maria</b>	899	27%	21	\$1,979,100	\$94,243

- USDA State Specific Crop Information for Hurricane Maria (as of 11/08/2017, 12:30 p.m. EST)

	<b>Puerto Rico*</b>	
<b>Reinsurance Year</b>	2016 RY	2017 RY
<b>Liabilities</b>	\$53.4 million	\$6.1 million
<b>Largest Crop Liability (amount)</b>	Peas/Bean (\$22.5 million)	Peas/Beans (\$2.4 million)

\*PR crop liability was \$53,445,686 for 2016 Reinsurance Year. As of July 31, 2017 only \$6.1 million of liability was reported and available through the RMA Summary of Business. Puerto Rico continues to process the total liability for the 2017 RY

**Recovery Snapshot**  
**Hurricane Irma**  
**Wednesday, November 8, 2017 (5:00 p.m. EST)**  
**Updates in Blue**

**Declaration Activity:**

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
Region II				
Puerto Rico	9/10: DR-4336	10 municipalities	30 municipalities	75% (Cat A-G)
U.S. Virgin Islands	9/7: DR-4335	St. John and St. Thomas	All (Categories A-G)	100% (Cat A-B) for 180 days; 75% thereafter 75% (Cat C-G)
Region IV				
Seminole Tribe of Florida	9/27: DR-4341	Seminole Tribe of Florida and associated lands	Seminole Tribe of Florida and associated lands	75% (Cat A-G)
Georgia	9/15: DR-4338	7 counties	All 159 counties (Cat A-B) 137 counties (Cat C-G)	75% (Cat A-G)
Alabama	9/11: EM-3389	-	All 67 counties and the Poarch Creek Indian Tribe (Cat B)	-
Florida	9/10: DR-4337	48 counties	67 counties (Cat A-B) 55 counties (Cat C-G)	PAAP modified sliding scale (Cat A) 75% (Cat B-G)
South Carolina	10/16: DR-4346	-	All 46 counties and Catawba Indian Nation (Cat B) 19 counties (Cat A-G)	75% (Cat A-G)

*(Declarations Unit, November 1, 2017)*

**Recovery Priorities, Issues, and Challenges:**

State	Recovery Priorities	Issues/Challenges
<b>Florida</b> DR-4337	<ol style="list-style-type: none"> <li>1. Direct Housing Mission</li> <li>2. DRC Operations</li> <li>3. Debris Removal</li> <li>4. Public Assistance</li> <li>5. Interagency Recovery Coordination</li> <li>6. Synchronizing Staffing</li> <li>7. Puerto Rico Evacuees</li> </ol>	<ul style="list-style-type: none"> <li>• Not yet reported</li> </ul>
<b>Georgia</b> DR-4338	<ol style="list-style-type: none"> <li>1. Deliver Individual Assistance Program</li> <li>2. Deliver Public Assistance</li> <li>3. Public Information</li> </ol>	<ul style="list-style-type: none"> <li>• Not yet reported</li> </ul>

*(FEMA-3385-EM-4337-DR-FL Executive Summary, November 8, 2017, 1:57 p.m. EST and GA-4338 COP, November 8, 2017, 11:02 a.m. EST)*

**Damage Assessments:**

State	Preliminary Damage Assessments (PDAs), including Categories C-G	
<b>Georgia</b> DR-4338	IA PDAs: 13 counties completed	PA PDAs: 48 counties completed
<b>Florida</b> DR-4337	Not yet reported	All requested PDAs completed for Cat C-G as of October 4
<b>South Carolina</b> DR-4346	Not yet reported	21 counties requested, 20 counties completed on 9/28, 1 county withdrawn on 10/12

*(FEMA-3385-EM-4337-DR-FL Executive Summary, October 23, 2017, 2:00 p.m. EST and GA-4338 COP, October 24, 2017, 10:25 a.m. EST)*

## Interagency Coordination/Recovery:

### • Public Assistance

<b>Public Assistance</b> (Recovery Update, 11/08/2017, 10:18 a.m. EST)	
State	Total Public Assistance Approved
U.S. Virgin Islands	\$3.5M
Puerto Rico (EM-3384)	\$14.4M
Georgia	\$26,488

### • Recovery Support Function (RSF): Housing Recovery

<b>Individual Assistance</b> (as of 11/08/2017, 11:02 a.m. EST)				
State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance Approved	Other Needs Assistance Approved
Georgia	48,838	\$12,052,413	\$8,781,058	\$3,271,356
Florida	2,609,250	\$900,768,786	\$618,805,744	\$281,963,042
Puerto Rico	16,157	\$1,942,978	\$1,008,251	\$934,727
Seminole Tribe of Florida	Not yet reported	Not yet reported	Not yet reported	Not yet reported
U.S. Virgin Islands	14,090	\$5,917,401	\$3,712,722	\$2,204,679

<b>Housing Inspections</b> (as of 11/08/2017, 11:02 a.m. EST)				
State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
Georgia	14	13,496	12,644	93.7%
Florida	2,878	885,987	799,607	90.3%
Puerto Rico	8	3,088	2,124	68.8%
U.S. Virgin Islands	84	10,866	6,206	57.1%

<b>(Irma) National Flood Insurance Program Claims Estimate</b> (as of 11/07/2017, 10:58 a.m. EST) (updated every Monday)		
State	Claims Submitted	Claims Paid to Insured Survivors
Florida	Over 26,500	Over \$229M
Georgia	Over 1,900	Over \$20M
South Carolina	Over 2,200	Over \$13M
U.S. Virgin Islands	78	Not yet reported
Puerto Rico	5	Not yet reported
Alabama	3	Not yet reported

#### ○ Temporary Housing

<b>Transitional Sheltering Assistance</b> (as of 11/08/2017, 7:32 a.m. EST)	
State/Commonwealth	Households Checked In to Hotel
Florida	6,380
Puerto Rico (DR-4336)	2

#### ○ Small Business Administration (SBA) Home Loans

<b>SBA Home Loans</b> (as of 11/06/2017) (updated every Monday)					
Hurricane	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Irma	73,102	71%	9,265	\$331,801,600	\$35,812

#### ○ U.S. Department of Housing and Urban Development (HUD)

<b>U.S. Department of Housing and Urban Development (HUD)</b> (as of 11/2/2017)				
Hurricane Irma – Florida	Number of Properties in Impacted Area	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	910		625	0
Public and Indian Housing	209		238	237
Housing Choice Vouchers	N/A		22	14
Healthcare and Hospitals	182	1,897		1,763
<b>Total</b>	<b>1,301</b>	<b>1,897</b>	<b>885</b>	<b>2,014</b>



U.S. Department of Housing and Urban Development (HUD) <i>(as of 11/2/2017)</i>				
Hurricane Irma – Georgia	Number of Properties in Impacted Area	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	62		150	0
Public and Indian Housing	0		0	0
Housing Choice Vouchers	N/A		0	0
Healthcare and Hospitals	2	0	0	119
<b>Total</b>	<b>64</b>	<b>0</b>	<b>150</b>	<b>Unknown</b>

- **RSF: Economic Recovery**

- SBA Business Loans

SBA Business Loans <i>(as of 11/06/2017 (updated every Monday))</i>					
Hurricane	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
<b>Irma</b>	9,395	50%	552	\$39,551,000	\$71,650

- USDA Disaster Supplemental Nutrition Assistance Program (D-SNAP)

New Apps Taken	New Approved			Households Denied	Supplements Approved			Total New + Ongoing Benefits
	Households	Persons	Total Benefits		Households	Persons	Total Benefits	
753,116	749,331	3,285,642	\$549,397,671	8,406	2,048,836	4,262,801	\$461,040,489	\$1,010,438,160

*(Recovery Update, October 24, 2017, 12:11 p.m. EST)*

- USDA State Specific Crop Information for Hurricane Irma *(as of 11/08/2017, 12:30 p.m. EST)*

	<b>Florida</b>	<b>Georgia</b>
<b>Liabilities</b>	\$2.3 billion	\$705.5 million
<b>Largest Crop Liability (amount)</b>	Oranges Trees (\$1.1 billion)	Cotton (\$581.2 million)

*\*See Puerto Rico crop liability in the USDA State Specific Crop Information for Hurricane Maria since the majority of the crop damages occurred during Hurricane Maria.*

**Recovery Snapshot**  
**Hurricane Harvey**  
**Wednesday, November 8, 2017 (5:00 p.m. EST)**  
**Updates in Blue**

**Declaration Activity:**

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
Region VI				
Texas	8/25: DR-4332	41 counties	47 counties (categories declared vary by county)	90% (Cat A-G)
Louisiana	10/16: DR-4345	-	9 parishes (Cat A-G) 20 parishes (Cat B)	75% (Cat A-G)

(Declarations Unit, November 1, 2017)

**Recovery Priorities, Issues, and Challenges:**

State	Recovery Priorities	Issues/Challenges
<b>Texas</b> DR-4332	<ul style="list-style-type: none"> <li>Safety across affected areas to reduce accidents, injuries, and illnesses, resulting in safer environments for survivors and recovery staff.</li> <li>Delivery of mass care services in order to accelerate recovery for the whole community.</li> <li>Accessible housing solutions that effectively support the needs of the whole community and contribute to its sustainability and resilience.</li> <li>Assessment of damages and impacts and across integrated efforts to 'Rebuild Texas' assist communities in re-establishing vital services and restoring community functions.</li> <li>Mitigation, education &amp; outreach, data collection &amp; analysis, and administration of the National Flood Insurance Program (NFIP).</li> <li>Survivor access to all recovery and re-building options by providing accurate, accessible, and actionable information</li> <li>Timely and effective recovery, maximizing federal inter-agency support for state and local recovery priorities</li> </ul>	Not yet reported

*(Joint State and Federal Management Plan DR-4332-TX, November 6,, 2017, 5:49 p.m. EST)*

**Damage Assessments:**

State	Preliminary Damage Assessments (PDAs), including Categories C-G <i>(as of 10/20/2017)</i>	
	IA PDA	PA PDA
<b>Texas</b>	Not yet reported	All requested PDAs are now complete

**Interagency Coordination/Recovery:**

• **Public Assistance**

Public Assistance <i>(Recovery Update, 11/08/2017, 10:18 a.m. EST)</i>	
State	Total Public Assistance Approved
<b>Texas</b>	\$478.2M

• **RSF: Housing Recovery**

Individual Assistance <i>as of 11/08/2017, 11:02 a.m. EST)</i>				
State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance Approved	Other Needs Assistance Approved
<b>Texas</b>	886,808	\$1,367,125,575	\$1,063,528,359	\$303,597,216

Housing Inspections (as of 11/08/2017, 11:02 a.m. EST)				
State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
Texas	937	572,571	555,876	97.1%

National Flood Insurance Program Claims Estimate (as of 11/06/2017, 10:58 a.m. EST) (updated every Monday)		
State	Claims Submitted	Claims Paid to Insured Survivors
Texas	Over 90,200	Over \$4B
Louisiana	Over 500	Over \$8M

○ Temporary Housing

Transitional Sheltering Assistance (as of 11/08/2017, 7:24 a.m. EST)	
State	Households Checked In to Hotel
Texas	16,871

○ Small Business Administration (SBA) Home Loans

SBA Home Loans (as of 11/06/2017) (updated every Monday)					
Loan \$ Approved	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Texas	83,281	82%	22,573	\$1,867,899,000	\$82,749

○ U.S. Department of Housing and Urban Development (HUD)

U.S. Department of Housing and Urban Development (HUD) (as of 11/2/2017)				
Hurricane Harvey – Texas	Number of Properties in Impacted Area	Currently Displaced (# of Beds for Healthcare - Hospital)	Currently Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	454		4,924	0
Public and Indian Housing	98		578	243
Housing Choice Vouchers	N/A		1,468	342
Healthcare and Hospitals	40	0		1,140
<b>Total</b>	<b>592</b>	<b>0</b>	<b>6,970</b>	<b>1,725</b>

● **RSF: Economic Recovery**

○ SBA Business Loans

SBA Business Loans (as of 11/06/2017) (updated every Monday)					
State	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Texas	8,770	67%	1,416	\$142,437,900	\$100,592

○ USDA Disaster Supplemental Nutrition Assistance Program (D-SNAP)

New Apps Taken	New Approved			Households Denied	Supplements Approved			Total New + Ongoing Benefits
	Households	Persons	Total Benefits		Households	Persons	Total Benefits	
544,539	517,095	1,683,122	\$549,366,268	39,135	393,129	1,044,614	145,473,375	\$694,768,653

(Recovery Update, November 8, 2017, 12:30 p.m. EST)

○ USDA State Specific Crop Information for Hurricane Harvey (as of 11/08/2017, 12:30 p.m. EST)

	Texas*	Louisiana **
<b>Liabilities</b>	\$809.6 million	\$164.9 million
<b>Largest crop liability (total)</b>	Cotton (\$352.8 million)	Rice (\$87 million)
<b>Policies received ++</b>	>34,000	>2,900
<b>Units Covered (acres) ++</b>	4.9 million	>504,000

\* Crops removed from calculation are AF/PRF, Cabbage, Oats, Onions, Potatoes and Wheat

\*\* Parishes included are Acadia, Allen, Beauregard, Calcasieu, Cameron, Grant, Jefferson Davis, Natchitoches, Rapides, Vermilion, Vernon

++ Information collected from RMA's Summary of Business Reports <http://www.rma.usda.gov/data/sob.html>